

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080723\
 Data File : BG058620.D
 Acq On : 7 Aug 2023 10:08
 Operator : MA/JU
 Sample : PB154407BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB154407BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2023

Supervised By :mohammad ahmed 08/08/2023

Quant Time: Aug 07 10:43:12 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jul 28 22:29:07 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	39214	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	169745	20.000	ng	0.00
39) Acenaphthene-d10	14.462	164	127121	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	325855	20.000	ng	0.00
76) Chrysene-d12	21.448	240	292141	20.000	ng	0.00
86) Perylene-d12	24.521	264	368830	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	376621	146.797	ng	0.00
7) Phenol-d6	6.989	99	511623	143.312	ng	0.00
23) Nitrobenzene-d5	8.975	82	303071	87.711	ng	0.00
42) 2,4,6-Tribromophenol	15.955	330	275439	132.194	ng	0.00
45) 2-Fluorobiphenyl	13.082	172	707482	83.403	ng	0.00
79) Terphenyl-d14	19.827	244	1439860	92.685	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.264	88	49732	40.003	ng	# 97
3) Pyridine	3.657	79	123746	36.509	ng	97
4) n-Nitrosodimethylamine	3.581	42	68981	48.033	ng	99
6) Aniline	7.136	93	160431	36.500	ng	98
8) 2-Chlorophenol	7.377	128	141943	56.396	ng	99
9) Benzaldehyde	6.948	77	79622	41.051	ng	99
10) Phenol	7.012	94	193106	55.374	ng	99
11) bis(2-Chloroethyl)ether	7.236	93	133338	48.499	ng	99
12) 1,3-Dichlorobenzene	7.700	146	133178	49.553	ng	99
13) 1,4-Dichlorobenzene	7.847	146	135744	50.302	ng	98
14) 1,2-Dichlorobenzene	8.164	146	133792	51.856	ng	99
15) Benzyl Alcohol	8.052	79	132294	58.434	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.346	45	230240	51.555	ng	99
17) 2-Methylphenol	8.264	107	129793	50.902	ng	99
18) Hexachloroethane	8.892	117	49038	49.995	ng	95
19) n-Nitroso-di-n-propyla...	8.616	70	112586	48.824	ng	99
20) 3+4-Methylphenols	8.593	107	185133	53.676	ng	98
22) Acetophenone	8.634	105	218379	48.047	ng	# 99
24) Nitrobenzene	9.022	77	163944	46.670	ng	96
25) Isophorone	9.539	82	331058	46.371	ng	100
26) 2-Nitrophenol	9.733	139	74993	49.043	ng	99
27) 2,4-Dimethylphenol	9.791	122	127248	50.169	ng	98
28) bis(2-Chloroethoxy)met...	10.026	93	188753	48.581	ng	99
29) 2,4-Dichlorophenol	10.267	162	139747	53.064	ng	99
30) 1,2,4-Trichlorobenzene	10.479	180	144625	47.619	ng	97
31) Naphthalene	10.661	128	412175	46.071	ng	99
32) Benzoic acid	9.950	122	94923	48.925	ng	99
33) 4-Chloroaniline	10.778	127	109627	29.002	ng	98
34) Hexachlorobutadiene	10.943	225	90148	46.091	ng	99
35) Caprolactam	11.560	113	54536m	56.078	ng	
36) 4-Chloro-3-methylphenol	11.912	107	171786	52.731	ng	99
37) 2-Methylnaphthalene	12.277	142	290312	45.364	ng	98
38) 1-Methylnaphthalene	12.500	142	282161	46.383	ng	99
40) 1,2,4,5-Tetrachloroben...	12.653	216	169163	43.345	ng	99
41) Hexachlorocyclopentadiene	12.623	237	166804	90.996	ng	97
43) 2,4,6-Trichlorophenol	12.894	196	128716	47.950	ng	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.970	196	145148	45.907	ng	97
46) 1,1'-Biphenyl	13.293	154	395293	45.279	ng	98
47) 2-Chloronaphthalene	13.334	162	314414	46.191	ng	98
48) 2-Nitroaniline	13.546	65	127331	49.009	ng	99
49) Acenaphthylene	14.186	152	531608	46.648	ng	99
50) Dimethylphthalate	13.922	163	452113	47.356	ng	100
51) 2,6-Dinitrotoluene	14.045	165	100715	48.078	ng	98
52) Acenaphthene	14.527	154	299901	45.543	ng	97
53) 3-Nitroaniline	14.374	138	70520	33.648	ng	99
54) 2,4-Dinitrophenol	14.592	184	124668	103.179	ng	95
55) Dibenzofuran	14.862	168	519551	45.917	ng	99
56) 4-Nitrophenol	14.697	139	164124	104.614	ng	99
57) 2,4-Dinitrotoluene	14.833	165	147701	50.858	ng	93
58) Fluorene	15.508	166	425797	47.370	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.091	232	136339	50.534	ng	99
60) Diethylphthalate	15.279	149	480080	49.360	ng	99
61) 4-Chlorophenyl-phenyle...	15.502	204	231256	46.146	ng	99
62) 4-Nitroaniline	15.543	138	105940	53.360	ng	99
63) Azobenzene	15.796	77	455162	47.512	ng	99
65) 4,6-Dinitro-2-methylph...	15.602	198	92335	51.391	ng	98
66) n-Nitrosodiphenylamine	15.720	169	386583	45.582	ng	99
67) 4-Bromophenyl-phenylether	16.395	248	165931	44.896	ng	100
68) Hexachlorobenzene	16.513	284	187152	47.787	ng	98
69) Atrazine	16.672	200	168527	58.863	ng	99
70) Pentachlorophenol	16.860	266	195819	82.607	ng	99
71) Phenanthrene	17.253	178	724913	46.909	ng	100
72) Anthracene	17.341	178	747238	47.125	ng	100
73) Carbazole	17.612	167	704307	50.370	ng	99
74) Di-n-butylphthalate	18.164	149	875516	49.989	ng	100
75) Fluoranthene	19.263	202	909953	49.020	ng	99
77) Benzidine	19.451	184	367896	83.046	ng	98
78) Pyrene	19.627	202	936629	47.110	ng	99
80) Butylbenzylphthalate	20.514	149	392511	48.063	ng	98
81) Benzo(a)anthracene	21.431	228	949973	47.251	ng	99
82) 3,3'-Dichlorobenzidine	21.354	252	258712	38.059	ng	97
83) Chrysene	21.495	228	897279	46.548	ng	100
84) Bis(2-ethylhexyl)phtha...	21.337	149	569750	47.741	ng	97
85) Di-n-octyl phthalate	22.482	149	1021349	48.678	ng	100
87) Indeno(1,2,3-cd)pyrene	28.011	276	1195635	48.728	ng	100
88) Benzo(b)fluoranthene	23.546	252	1013962	50.687	ng	99
89) Benzo(k)fluoranthene	23.616	252	952498	47.396	ng	100
90) Benzo(a)pyrene	24.380	252	900238	45.824	ng	99
91) Dibenzo(a,h)anthracene	28.076	278	997446	49.163	ng	99
92) Benzo(g,h,i)perylene	29.116	276	973612	47.856	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

